

Page 34, line 16: please replace "stimulate hair growth" with

✓
A treat a vision disorder, improve vision, treat memory impairment, and enhance memory performance in an animal A.

Page 42, line 4: please replace "cycloakyl" with --
cycloalkyl--.

Page 43, line 6: please replace "pharめceutical" with --
pharmaceutical--.

Page 47, line 14: please replace "silic" with --silica--.

Page 66, line 2: please replace "demonstate" with --
demonstrate--.

Page 74, last line of text: please replace "TABLE V" with --
TABLE VIII--.

Page 75, last line of text: please replace "TABLE V" with --
TABLE VIII--.

Page 76, line 31: please replace "immunohistochemistry" with --
immunohistochemistry--.

Page 82, line 3: please replace "watercolour" with --
watercolor--.

IN THE CLAIMS

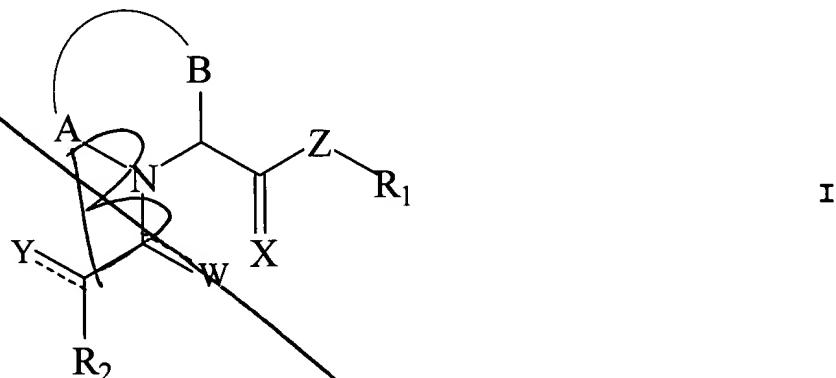
✓
Please cancel claims 12-20 without prejudice or disclaimer to
the subject matter described therein.

Claim 1, page 88, line 7, please add --compound-- following
"amide".

2. (Once amended) The method of claim 1, wherein the
[heterocyclic ester or amide] compound is immunosuppressive [or
non-immunosuppressive].

3. (Once amended) The method of claim 1, wherein the
[heterocyclic ester or amide] compound has an affinity for an FKBP-
type immunophilin.

7 The method of claim 1, wherein the [heterocyclic ester or
amide is a] compound is of formula I



or a pharmaceutically acceptable salt, ester, or solvate thereof,
wherein:

A and B, together with the nitrogen and carbon atoms to which

they are respectively attached, form a 5-7 membered saturated or unsaturated heterocyclic ring containing, in addition to the nitrogen atom, one or more additional O, S, SO, SO₂, N, NH, or NR₁ heteroatom;

X is O or S;

Z is O, NH, NR₁, or a bond

W and Y are independently O, S, CH₂, or H₂;

R₁ is C₁-C₆ straight or branched chain alkyl or C₂-C₆ straight or branched chain alkenyl, which is substituted with one or more substituent(s) independently selected in one or more position(s) with (Ar₁)_n, C₁-C₆ straight or branched chain alkyl or C₂-C₆ straight or branched chain alkenyl substituted with (Ar₁)_n, C₃-C₈ cycloalkyl, C₁-C₆ straight or branched chain alkyl or C₂-C₆ straight or branched chain alkenyl substituted with C₃-C₈ cycloalkyl, and Ar₂;

n is 1 or 2;

R₂ is either C₁-C₉ straight or branched chain alkyl, C₂-C₉ straight or branched chain alkenyl, C₃-C₈ cycloalkyl, C₅-C₇ cycloalkenyl or Ar₁, wherein said alkyl, alkenyl, cycloalkyl or cycloalkenyl is either unsubstituted or substituted with one or more substituent(s) independently selected from the group consisting of C₁-C₄ straight or branched chain alkyl, C₂-C₄ straight or branched chain alkenyl, and hydroxy; and

Ar₁ and Ar₂ are independently an alicyclic or aromatic, mono-,